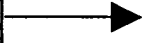


<b>POWER OF ATTORNEY AND REVOCATION OF PRIOR POWERS</b>	Application Number	09/584,327
	Filing Date	May 30, 2000
	First Named Inventor	Michael T. Taylor
	Title	APPARATUS AND METHOD FOR CELL DISRUPTION
	Group Art Unit	1743
	Examiner Name	Unassigned
	Attorney Docket Number	020048-003120US

I hereby revoke all previous powers of attorney or authorizations of agent given in the above identified application and appoint:

☒ Practitioners at Customer Number **20350** 

Place Customer  
Number Bar Code  
Label here

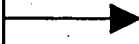
☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number.  
**OR**

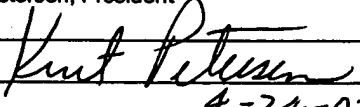
☐ Practitioners at Customer Number **20350** 

<input type="checkbox"/> Firm or Individual Name					
Address					
Address					
City		State		ZIP	
Country					
Telephone		Fax			

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
*Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).*

SIGNATURE of Applicant or Assignee of Record	
Name	Kurt E. Petersen, President Cepheid
Signature	
Date	4-24-02

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 1 forms are submitted.

As a below named joint inventor, each of us hereby declares as follows:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am an original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**APPARATUS AND METHOD FOR CELL DISRUPTION**

the specification of which was filed on May 30, 2000 as United States Application Number 09/584,327. I have reviewed and understand the contents of the above-identified specification, including the claims.

This application [in part] discloses and claims subject matter disclosed in my earlier filed provisional application Ser. No. 60/136,703 filed May 28, 1999 and U.S. application Ser. No. 09/469,724 filed December 21, 1999 of which I claim the benefit under 35 USC §120 [or 119(e)].

I acknowledge the duty to disclose information of which I am aware that is material to the examination of this application in accordance with 37 CFR §1.56(a), including material information which occurred between the filing date of said prior applications and the filing date of this [continuation-in-part] application, insofar as the subject matter of the claims is not disclosed in said prior applications in the manner provided by 35 USC §112, first paragraph.

That, as to the subject matter of this application which is common to said earlier applications, I do not know and do not believe: that this invention was ever known or used in the United States of America before our invention thereof; that this invention was patented or described in any printed publication in any country before our invention thereof or more than one year prior to said applications; that this invention was in public use or on sale in the United States of America more than one year prior to said applications; that this invention has been patented or made the subject of an inventor's certificate issued before the date of said applications in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to said applications; nor that any application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to said applications by me or my legal representatives or assigns.

**HEWM LLP  
DE-DOCKETED**

**SEP 19 2000**

That, as to the subject matter of this application which is not common to said earlier applications, I do not know and do not believe: that this invention was ever known or used in the United States of America before our invention thereof; that this invention was patented or described in any printed publication in any country before our invention thereof or more than one year prior to this application; that this invention was in public use or on sale in the United States of America more than one year prior to this application; that this invention has been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application; nor that any application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns.

I hereby appoint the following to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

William B. Anderson, Registration No. 41,595  
Y. P. Chow, Registration No. 30,740  
Robert F. Dennis, Registration No. 40,988  
Derek P. Freyberg, Registration No. 29,250  
Walter Kurz, Registration No. 37,373  
Edward Lynch, Registration No. 24,422  
Priscilla H. Mark, Registration No. 41,970  
William Schmonsees, Registration No. 31,796  
Herwig von Morzé, Registration No. 29,484  
Mark B. Floyd, Registration No. 41,022

Direct all telephone calls to: **William Schmonsees at (650) 324-7041**  
Address all written correspondence to:

Heller Ehrman White & McAuliffe  
525 University Avenue  
Palo Alto, CA 94301-1900.

## DECLARATION AND POWER OF ATTORNEY

Attorney Docket No. 22660-0027US

Serial No. 09/584,327

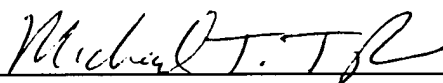
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issuing thereon.

## FIRST JOINT INVENTOR

## INVENTOR'S SIGNATURE

## DATE

Michael T. Taylor



8-29-00

## RESIDENCE

## CITIZENSHIP

6304 Buena Vista Dr. #C  
Newark, CA 94560

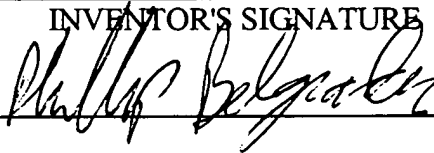
USA

## SECOND JOINT INVENTOR

## INVENTOR'S SIGNATURE

## DATE

Phillip Belgrader



8/31/00

## RESIDENCE

## CITIZENSHIP

719 Pebble Way  
Manteca, CA 94336

USA

## THIRD JOINT INVENTOR

## INVENTOR'S SIGNATURE

## DATE

Farzad Pourahmadi



8/31/00

## RESIDENCE

## CITIZENSHIP

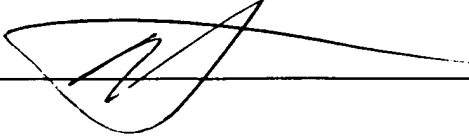
41013 Pajaro Drive  
Fremont, CA 94539


USA

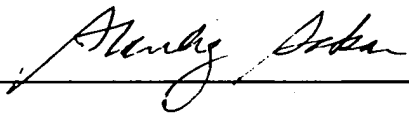
## DECLARATION AND POWER OF ATTORNEY

Attorney Docket No. 22660-0027US

Serial No. 09/584,327

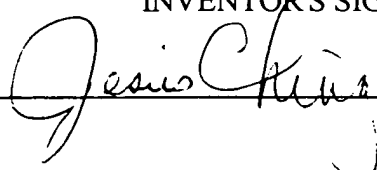
FOURTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
William A. McMillan		9/5/00
RESIDENCE		CITIZENSHIP
8051 Presidio Drive		USA
Cupertino, CA 95014		


FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Ronald Chang		8/31/00
RESIDENCE		CITIZENSHIP
3312 Hoover Street		USA
Redwood City, CA 94063		


SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Stanley H. Sakai		9/1/00
RESIDENCE		CITIZENSHIP
10325 Menhart Lane		USA
Cupertino, CA 95014		

## DECLARATION AND POWER OF ATTORNEY

Attorney Docket No. 22660-0027US  
Serial No. 09/584,327

SEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
CHING, Jesus		9/5/00
RESIDENCE		CITIZENSHIP
2317 Alcalde Street		USA
Santa Clara, California 95054		

EIGHTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Kurt E. Petersen		8/30/00
RESIDENCE		CITIZENSHIP
460 Oak Grove Drive #205		USA
Santa Clara, California 95054		

NINTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
M. Allen Northrup		9-5-00
RESIDENCE		CITIZENSHIP
616 Vistamont Avenue		USA
Berkeley, CA 94708		

22660 - 0027



**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

DECEMBER 22, 2000

PTAS

HELLER EHRMAN WHITE & MCAULIFFE  
WILLIAM SCHMONSEES  
525 UNIVERSITY AVENUE  
PALO ALTO, CA 94301-1900

**RECEIVED**



\*101499711A\*

**DEC 28 2000**

**HEWM LLP - P.A.**

**UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/15/2000

REEL/FRAME: 011181/0934  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

TAYLOR, MICHAEL T.

DOC DATE: 08/29/2000

ASSIGNOR:

BELGRADER, PHILLIP

DOC DATE: 08/31/2000

ASSIGNOR:

POURAHMADI, FARZAD

DOC DATE: 08/31/2000

ASSIGNOR:

MCMILLAN, WILLIAM A.

DOC DATE: 09/05/2000

ASSIGNOR:

CHANG, RONALD

DOC DATE: 08/30/2000

ASSIGNOR:

SAKAI, STANLEY H.

DOC DATE: 09/01/2000

ASSIGNOR:

CHING, JESUS

**HEWM LLP - SILICON VALLEY  
PATENT DOCKETING**

DOC DATE: 09/05/2000

**DEC 28 2000**

**DATABASE ENTRY**

BY SL

ASSIGNOR:

PETERSEN, KURT

DOC DATE: 08/30/2000

ASSIGNOR:

NORTHROP, M. ALLEN

DOC DATE: 09/05/2000

ASSIGNEE:

CEPHEID

1190 BORREGAS AVENUE

SUNNYVALE, CALIFORNIA 94089

SERIAL NUMBER: 09584327

FILING DATE: 05/30/2000

PATENT NUMBER:

ISSUE DATE:

SEDLEY PYNE, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

10-31-2000



9.15.00

PTO-1595

101499711  
PATENTS ONLY

Department of Commerce Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks  
Please record the attached original document(s) or copy(ies) thereof

Attorney Docket No. 22660-0027US

## 1. Name of the conveying parties

- 1 Michael T. TAYLOR
- 2 Phillip BELGRADER
- 3 Farzad POURAHMADI
- 4 William A. MCMILLAN
- 5 Ronald CHANG
- 6 Stanley H. SAKAI
- 7 Jesus CHING
- 8 Kurt PETERSEN
- 9 M. Allen NORTHRUP

Additional name(s) of conveying party(ies) attached? No

## 2. Name and address of the receiving party(ies):

CEPHEID  
1190 Borregas Avenue  
Sunnyvale, CA 94089

Additional Names(s) and Address(es) Attached  
[ ] Yes [X] No

## 3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name

Execution Dates:

- 1: August 29, 2000
- 2: August 31, 2000
- 3: August 31, 2000
- 4: September 5, 2000
- 5: August 30, 2000
- 6: September 1, 2000
- 7: September 5, 2000
- 8: August 30, 2000
- 9: September 5, 2000

## 4. Application Number(s) or Patent Number(s)

If this document is being filed together with a new application, the execution date of the application is: N/A

A. U.S. Patent Application No.: 09/584,327

B. Patent No(s). N/A

Additional Numbers Attached? [ ] Yes [X] No

## 5. Name and address of party to whom correspondence should be mailed:

William Schmonsees, Esq.  
HELLER EHRMAN WHITE & McAULIFFE  
525 University Avenue  
Palo Alto, CA 94301-1900

Telephone direct: (650) 324-7041  
Facsimile: (650) 324-0638

6. Total number of Applications and Patents involved 1

7. Total Fee (37 CFR §3.41) \$ 40.00  
[ ] Check Enclosed [ ] Previously Paid  
[X] Authorized to charge to Deposit Acct #08-1641  
(Attached duplicate copy if paying by Deposit Account)

8. [X] Please Charge Deposit Account No. 08-1641 for any deficiency in the fees paid above, or credit any overpayment to that account.

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Robert F. Dennis

Reg. No. 40,988

Name of Person Signing

Signature

Date

9/19/00

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents  
Box Assignments  
Washington, DC 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, DC 20231, and to the Office of Management and Budget, Paperwork Reduction Products, (0651-0011), Washington, DC 20503.

ASSIGNMENT

WHEREAS, We, Michael T. Taylor, Phillip Belgrader, Farzad Pourahmadi, William A. McMillan, Ronald Chang, Stanley H. Sakai, Jesus Ching, Kurt E. Petersen, and M. Allen Northrup, having the respective addresses indicated below, have invented certain subject matter entitled "Apparatus and Method for Cell Disruption" (the "Invention") assigned Application No. 09/584,327 for Letters Patent of the United States of America;

AND WHEREAS, Cepheid, a corporation of California, having an address at 1190 Borregas Avenue, Sunnyvale, CA 94089 ("CEPHEID") desires to perfect its right to the Invention and in the Letters Patent to be obtained therefor from the United States of America and all countries foreign thereto;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, We acknowledge CEPHEID's interest in the Invention and hereby assign to CEPHEID for the United States of America and for all countries foreign thereto, all our rights, title and interest, including all rights under the Paris Convention for the Protection of Industrial Property, in the Invention, as described and claimed in Application No. 09/584,327 or in any continuation, division, reissue, reexamination or extension thereof and any legal equivalent thereof in a country foreign to the United States of America; the Invention, application and Letters Patent to be owned by CEPHEID, its successors, assigns and legal representatives, to the full end of the term for which such Letters Patent may be granted.

This assignment is effective as of the earlier of: (a) the date of my signature hereto,  
or (b) the filing date accorded by the United States Patent and Trademark Office to Application No.  
09/584,327 as indicated in the Filing Receipt for said application.

I have read and understand this Assignment document for Application No.  
09/584,327 and agree hereto, as indicated by my signature as set forth below.

Signature Michael T. Taylor Date 8-29-00  
Michael T. Taylor

Address 6304 Buena Vista Dr. #C, Newark, CA 94560

Signature Phillip Belgrader Date 8/31/00  
Phillip Belgrader

Address 719 Pebble Way, Manteca, CA 94336

Signature Farzad Pourahmadi Date 8/31/00  
Farzad Pourahmadi

Address 41013 Pajaro Drive, Fremont, CA 94539

Signature William A McMillan Date 9/5/00  
William A McMillan

Address 8051 Presidio Drive, Cupertino, CA 95014

Signature Ronald Chang Date 8/30/00  
Ronald Chang

Address 3312 Hoover Street, Redwood City, CA 94063

Signature Stanley H. Sakai Date 9/1/2000  
Stanley H. Sakai

Address 10325 Menhart Lane, Cupertino, CA 95014

Signature Jesus Ching Date 9/5/00  
Jesus Ching

Address 2317 Alcalde Street, Santa Clara, CA 95054

Signature Kurt E. Petersen Date 8/30/00  
Kurt E. Petersen

Address 460 Oak Grove Drive #205, Santa Clara, CA 95054

Signature M. Allen Northrup Date 9-5-00  
M. Allen Northrup

Address 616 Vistamont Avenue, Berkeley, CA 94708